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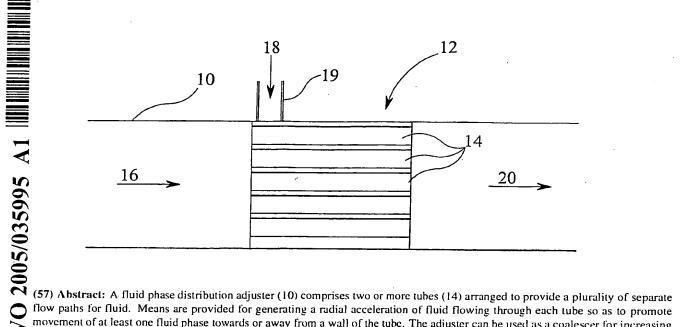
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flow paths for fluid. Means are provided for generating a radial acceleration of fluid flowing through each tube so as to promote movement of at least one fluid phase towards or away from a wall of the tube. The adjuster can be used as a coalescer for increasing the size of droplets in a distributed fluid phase carried by a continuous fluid phase, or as a mixer for mixing fluid phases.